

## ABSTRACT

Devices and methods for filtering blood. The devices generally comprise a mesh for filtering blood flowing within a blood vessel, particularly within an artery such as the aorta, a structure adapted to open and close the mesh within the blood vessel, and a means to  
5 actuate the structure. The methods generally include the steps of introducing a mesh into a blood vessel to entrap embolic material, and removing the mesh and the entrapped foreign matter from the blood vessel.